

**STUART
TURNER**

Inspired by water, delivered through technology

Pump Solutions

Stuart Turner Ltd - inspired by water - delivered by technology
Pump Solutions Brochure

MODERN
PLANT 

When you choose a Stuart Turner product you are investing in a name you can trust to deliver quality, design innovation, value for money and industry-leading service.

Stuart Turner offer an extensive range of pump solutions, designed and developed to provide a comprehensive range of solutions for applications in both domestic and commercial markets. Catering for almost every application from domestic water boosting pumps and waste water removal, to an extensive range of pumps for a variety of commercial applications.

History

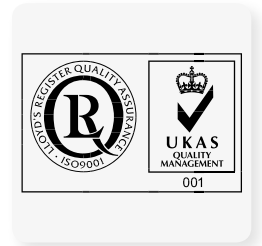
Established in 1906 and still operating from the same site based in Henley-on-Thames, England, Stuart Turner has gained over 100 years of engineering experience. During this time we have achieved an enviable market leading reputation both in UK and International markets.



Quality

The Stuart Turner name is synonymous with quality and we continually strive to build and improve on this hard earned reputation.

All our pumps are 100% factory tested, meet stringent electrical regulations and are designed and manufactured within our ISO 9001 quality controlled facility.



Innovation

Our continual investment in engineering experience and manufacturing capability has kept us at the forefront of design technology and product innovation. Stuart Turner products offer the greatest value for money by being the most efficient, reliable and safest products available in the market today.



Service

Stuart Turner is renowned for its high level of customer service. This has been further enhanced with the introduction of our Pump Assist team who are available to provide help and guidance on any aspect of product selection or technical advice.



Stuart Turner and Modern Plant



Modern Plant are Stuart Turner's exclusive distributor and service agents in the Republic of Ireland. This partnership has successfully developed and grown since 1981 based on Stuart Turner's excellent quality products supported by Modern Plant's reputation for product knowledge and service.



Modern Plant provide a comprehensive Sales and Customer Service offer, including:

- ✓ Fully Trained & knowledgeable staff
- ✓ External Sales Team across the republic
- ✓ Internal sales and servicing team
- ✓ Stock in depth from a 100,000 m2 distribution facility
- ✓ An excellent showroom with full working displays
- ✓ Next day deliveries



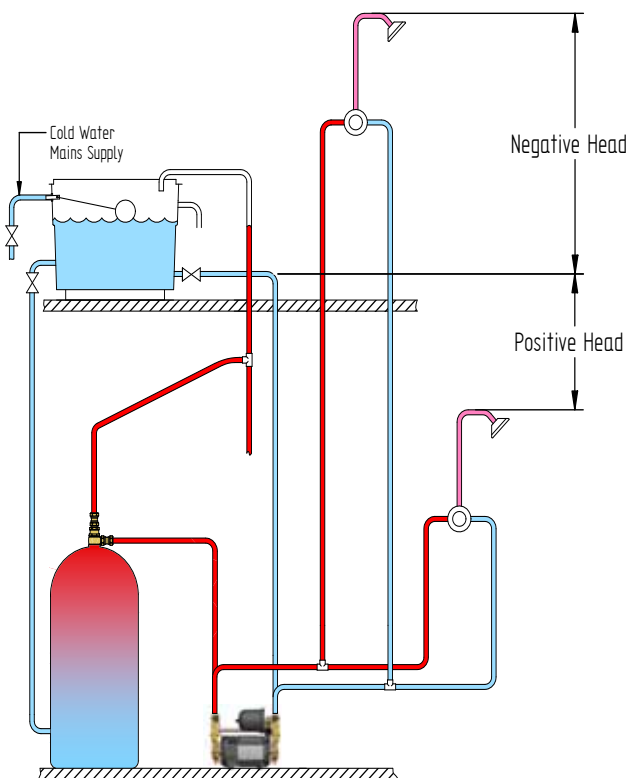
Our experienced Service Team can offer the following:

- ✓ Advice on choosing the right pump
- ✓ Installation advice
- ✓ Fault diagnosis and repair advice
- ✓ Servicing of your pump
- ✓ Find the right spare parts
- ✓ Contact an approved service engineer

Simply call our Modern Plant Service Team on 01459 1344 for help, guidance or advice.

Pump types explained

The following information is intended for general guidance. Our service team will be happy to give further advice on selecting the correct pump. Simply call Modern Plant 01459 1344 or e-mail pumps@stuart-turner.co.uk.



Pressures

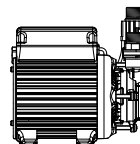
Pumps are rated in 'bar' which is the measure of pressure, 1 bar pressure being equal to 10 metres static head of water. Generally the higher the bar rating the higher the performance. However it is important to match the correct size of pump with the application to ensure optimum performance.

The following can be used as a general guide for applications:

1.0 bar pressure	=	Low boost
1.5 – 3.0 bar pressure	=	Medium boost
3.0 bar pressure +	=	High boost

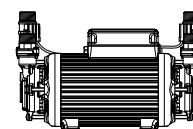
Single pumps

Single pumps are designed to boost single water supplies; hot, cold or pre-mixed.



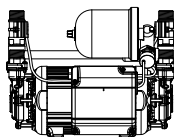
Twin pumps

Twin pumps are designed to boost both hot and cold water supplies equally.



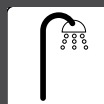
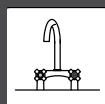
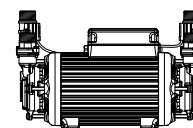
Universal Pumps

Universal pumps operate in positive or negative head conditions and do not require a gravity flow to start, incorporating both a pressure and flow switch. The pump automatically starts when the pressure switch detects a drop in pressure when an outlet is opened. The flow switch keeps the pump running as long as there is sufficient a flow of water. When the flow stops, the pump continues to run for 3 seconds allowing the system to re-pressurise.



Standard Pumps

Standard pumps operate under positive head conditions only. A standard pump is operated by a flow switch, automatically starting when a gravity flow of water greater than 0.6-0.8 ltrs/min through the outlet is detected. The pump will automatically stop when the outlet is closed and the flow ceases.



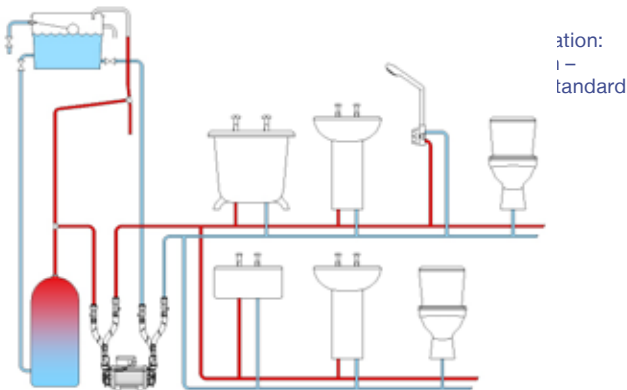
For Application Guidance see pages 22 & 23

Pump Solutions

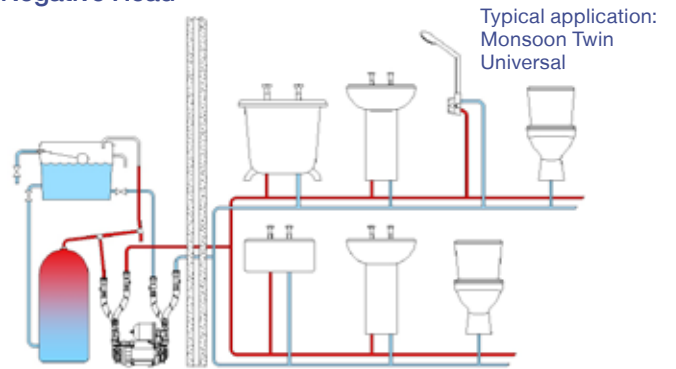


The following diagrams show where pumps are typically located within the most commonly used plumbing systems. These diagrams are intended for general guidance. The Modern Plant service team will be happy to give further advice on selecting the correct pump. Simply call 01459 1344.

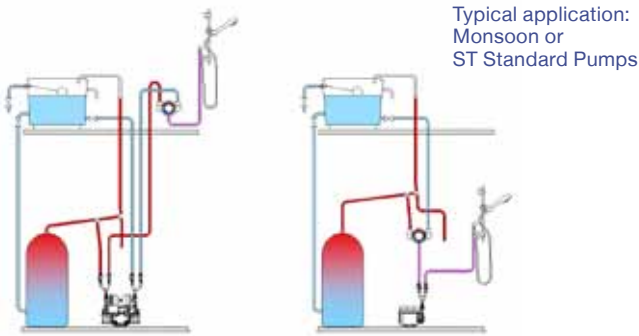
Whole House – Open Vented System Positive Head



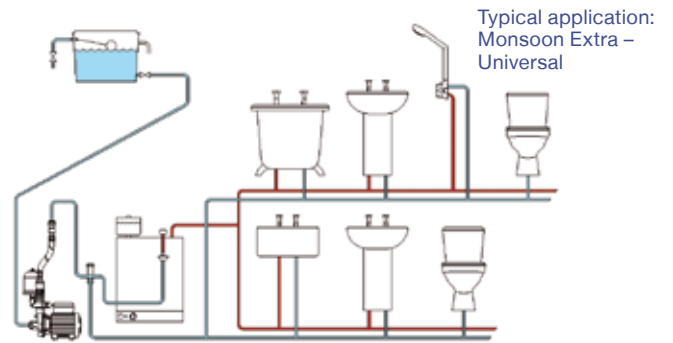
Whole House/Apartment – Open Vented System Negative Head



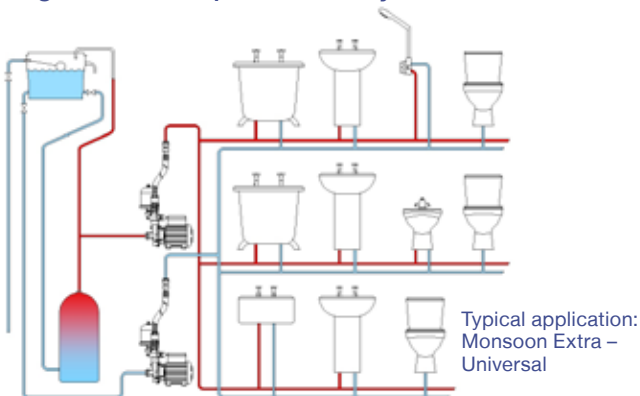
Open Vented Single Shower System



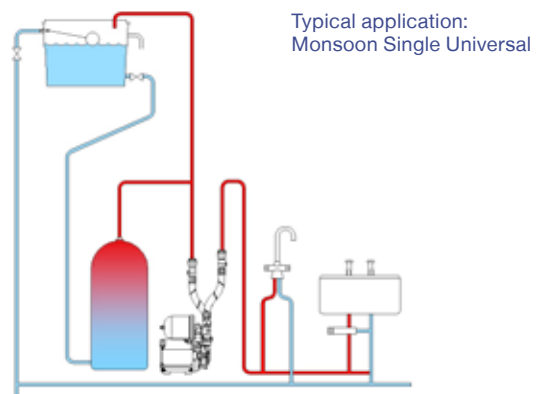
Whole House – Unvented System Combi Boiler



Larger House – Open Vented System



Open Vented System with mains pressure cold



For further advice on selecting the correct pump call Modern Plant 01459 1344



Monsoon offers the most comprehensive range of premium quality brass peripheral pumps available on the market. Its wide range means that it is capable of boosting water pressure for a host of domestic and light commercial applications from a single tap or shower, to a complete bathroom or the whole property.

Constantly developed and refined over the last 30 years, Monsoon is the benchmark for performance, quality and reliability, and is supported with an industry leading 3 year guarantee across the range.

Features and Benefits

Performance

- ✓ 1.5 to 4.5 bar performance options
- ✓ Positive or negative head options
- ✓ Twin or Single
- ✓ Quiet operation*
- ✓ System friendly peripheral design
- ✓ Fully automatic switching
- ✓ Continuously rated

Quality

- ✓ Robust all brass construction
- ✓ Built-in safety – low voltage controls
- ✓ WRAS approved
- ✓ ISO 9001:2008
- ✓ BS 60335 compliant
- ✓ CE compliant

Reliability

- ✓ 3 year guarantee
- ✓ Extended life mechanical seal
- ✓ Integral strainer
- ✓ Fully serviceable

Monsoon pumps are supplied with flexible hoses with integral isolation valves, anti-vibration feet and pre-wired for ease of installation.



* Independently tested - 3.0 bar Monsoon Standard Twin rated quieter than competitor's equivalent models.

Every component within the **Monsoon range** has been designed to enhance the high levels of performance, quality and reliability.

Monsoon's brass bodied construction is suitable for a wide range of applications.



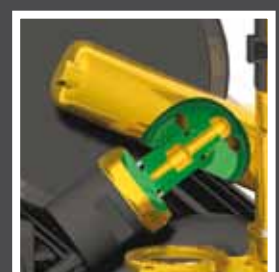
Peripheral Design

Pressure efficient
Compact size
System friendly – reduces potential to airlock



Automatic Flow Switch

Automatically starts the pump when flow exceeds 0.6 litres/min (Standard & Universal)



Automatic Pressure Switch

Automatically stops the pump and re-pressurises the system (Universal)

Performance without compromise



Safety

Extra low voltage (SELV) – 9v for all switching control systems
Pre-wired with 1.5 m cable – no need to access terminal box



Mechanical Seal

Carbon/Silicon Carbide seal
Extended life



Integral Strainer

High capacity strainer
Prevents debris from entering the pump, for an extended life



Flexible Hoses

300 mm anti-vibration flexible hoses with integral isolating valves
G 3/4 threaded connections to pump
21 mm push fit to pipe work



Monsoon **Universal Twin**

Universal twin pumps are designed for installation into vented systems to pump both the hot and cold water supplies - boosting both equally. Suitable for both positive and negative head applications.



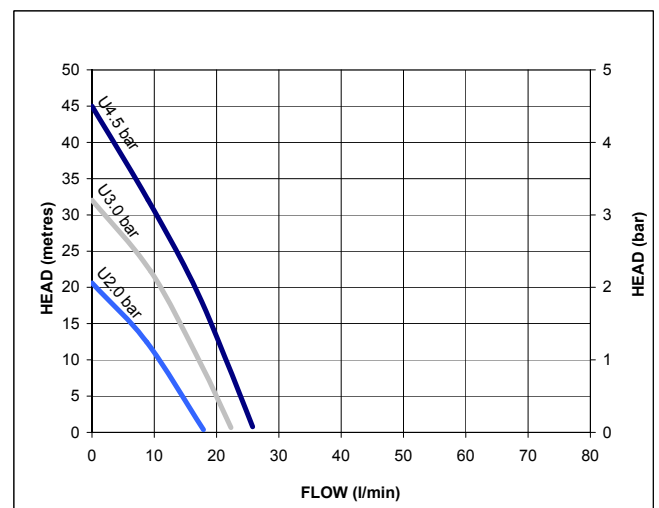
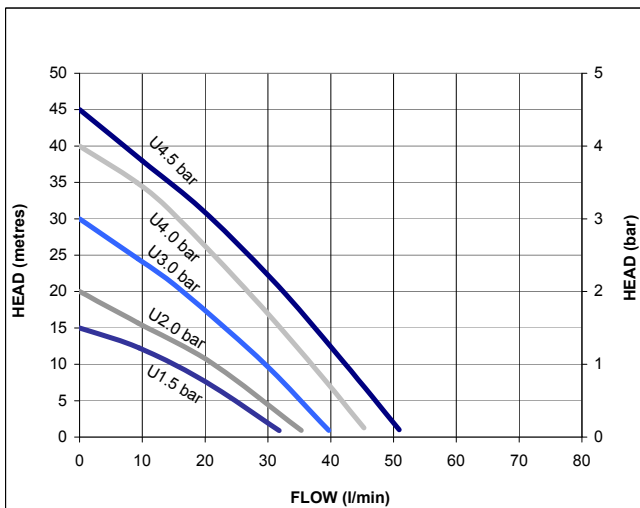
Part No	Model
44352	U1.5 bar Twin
44331	U2.0 bar Twin
44332	U3.0 bar Twin
44333	U4.0 bar Twin
44334	U4.5 bar Twin

Monsoon **Universal Single**

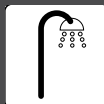
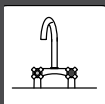
Universal single pumps can be used in pairs to boost vented systems to pump hot and cold water supplies independently, or as a single pump to boost a water supply as required. Suitable for both positive and negative head applications.



Part No	Model
44350	U2.0 bar Single
44365	U3.0 bar Single
44326	U4.5 bar Single



Applications for the Monsoon range:



For Application Guidance see pages 22 & 23

Performance without compromise



Monsoon **Standard Twin**

Standard twin pumps are designed for installation into vented systems to pump both the hot and cold water supplies - boosting both equally. Suitable for positive head applications only.



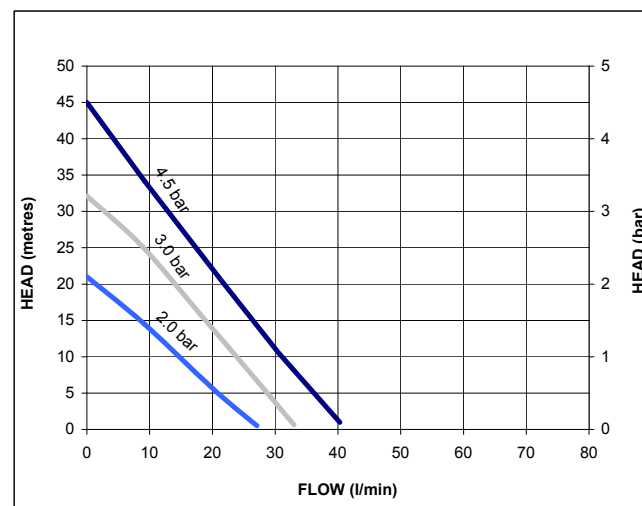
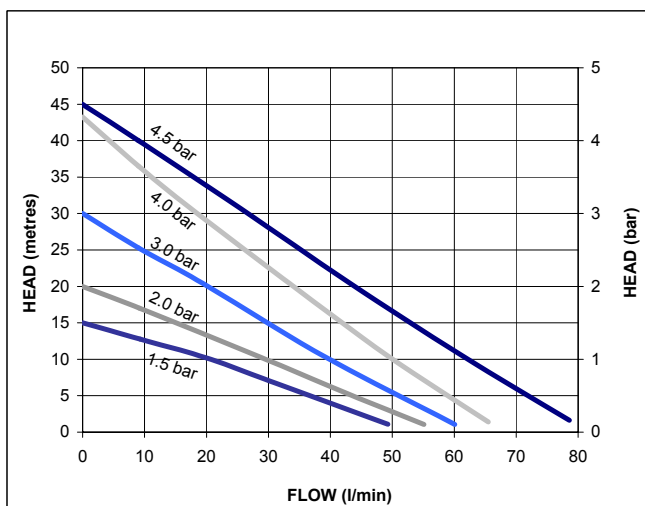
Part No	Model
44351	S1.5 bar Twin
44327	S2.0 bar Twin
44328	S3.0 bar Twin
44329	S4.0 bar Twin
44330	S4.5 bar Twin

Monsoon **Standard Single**

Standard single pumps are ideal for boosting a water supply in vented systems. Suitable for positive head applications only.



Part No	Model
44349	S2.0 bar Single
44364	S3.0 bar Single
44325	S4.5 bar Single



For further advice on selecting the correct pump call Modern Plant 01459 1344

Monsoon Extra is a range of quality brass and stainless steel centrifugal multistage booster pumps, designed for larger installations that require higher flow rates.

Their high performance make them an ideal choice for high demand, multiple outlet applications including larger houses, small hotels and leisure facilities where multiple showers would be a requirement. Monsoon Extra pressure sets provide an effective solution for boosting the water supply when mains pressure is low.

Monsoon Extra are easy to install with no on-site commissioning required.

Features and Benefits

Performance

- ✓ 1.4 to 5.0 bar performance options
- ✓ Positive or negative head options
- ✓ Flow rates up to 140 litres/minute
- ✓ Quiet operation
- ✓ Centrifugal design
- ✓ Fully automatic switching
- ✓ Continuously rated

Quality

- ✓ Robust brass/stainless steel construction
- ✓ Built-in safety – low voltage controls
- ✓ WRAS approved
- ✓ ISO 9001:2008
- ✓ BS 60335 compliant
- ✓ CE compliant

Reliability

- ✓ 2 year guarantee
- ✓ Long life mechanical seal
- ✓ Integral strainer
- ✓ Fully serviceable

Monsoon Extra pumps are supplied with flexible hoses, anti-vibration feet and pre-wired for ease of installation.

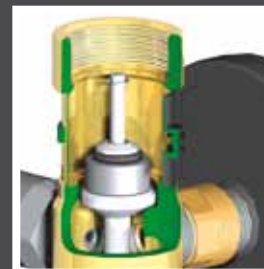


Every component of the **Monsoon Extra** range has been designed to enhance the high levels of performance, quality and reliability.

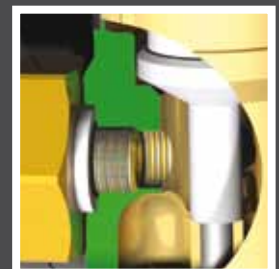
Monsoon Extra offer a range of centrifugal booster pumps designed for larger installations that require higher flow rates.



Centrifugal Design
Increased flow rates
Pressure efficient
Compact size



Automatic Flow Switch
Automatically starts the pump when flow exceeds 0.6 litres/min (Standard & Universal)



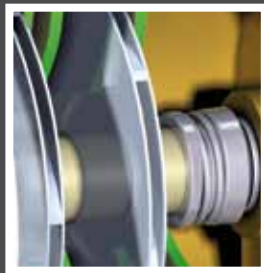
Automatic Pressure Switch
Automatically stops the pump and re-pressurises the system (Universal)

Performance without compromise



Safety

Extra low voltage (SELV) – 9v for all switching control systems
Pre-wired with 1.5 m cable – no need to access terminal box



Mechanical Seal

Carbon/Ceramic seal
Long life



Strainer

High capacity strainer
G 1 threaded connections



Flexible Hoses

300 mm anti-vibration flexible hoses
G 1 threaded connections



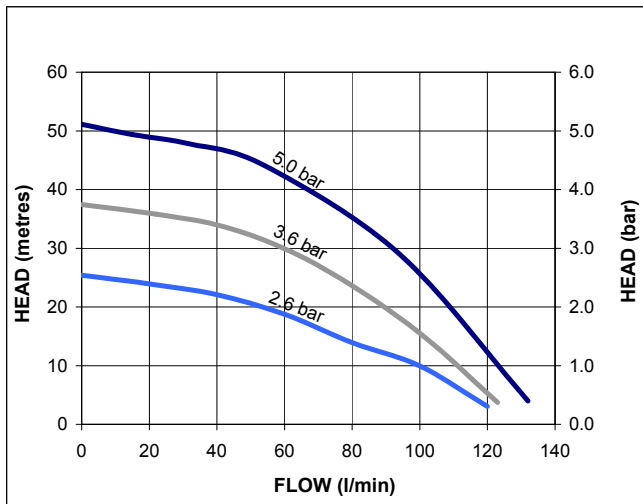
Monsoon Extra **Universal Single**

The Monsoon Extra Universal single pump is designed for use in larger domestic and light commercial applications. Installed into an open vented hot or cold water system, where the outlets are either above or below the level of the cold water cistern.



WRAS Compliant
Approval Pending

Part No	Model
46593	U2.6 bar Single
46594	U3.6 bar Single
46595	U5.0 bar Single



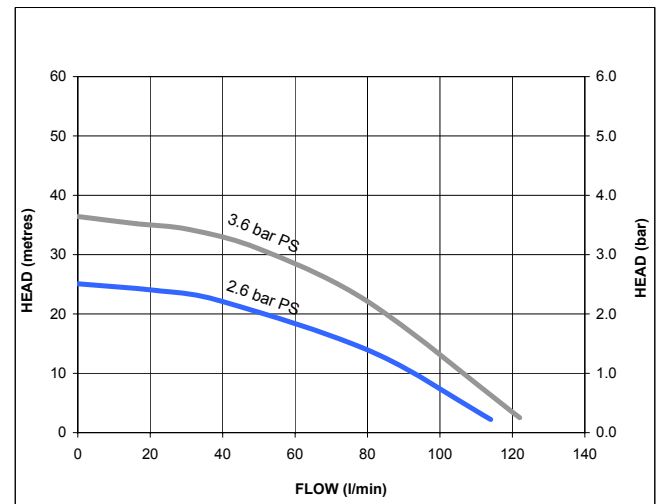
Monsoon Extra **Pressure Set**

The Monsoon Extra Pressure Sets are designed to meet the system demands in larger domestic and light commercial applications. The Monsoon Extra pump is mounted on to a WRAS approved 24 litre diaphragm tank providing a buffer of pressurised stored water. Ideally suited to boost stored cold water supplies to un-vented hot water cylinders/combination boilers where there is low or no mains water supply.



WRAS Compliant
Approval Pending

Part No	Model
46601	2.6 bar PS
46602	3.6 bar PS



Applications for the Monsoon Extra range:



For Application Guidance see pages 22 & 23

Performance without compromise



Monsoon Extra **Universal Single**

The Monsoon Extra Universal 1.4 bar single pump is designed for use in larger domestic and light commercial applications. Installed into an open vented hot or cold water system where the outlets are either above or below the level of the cold water cistern.



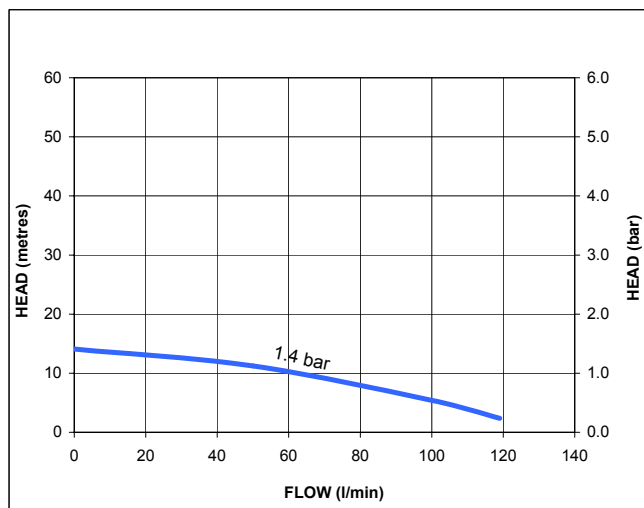
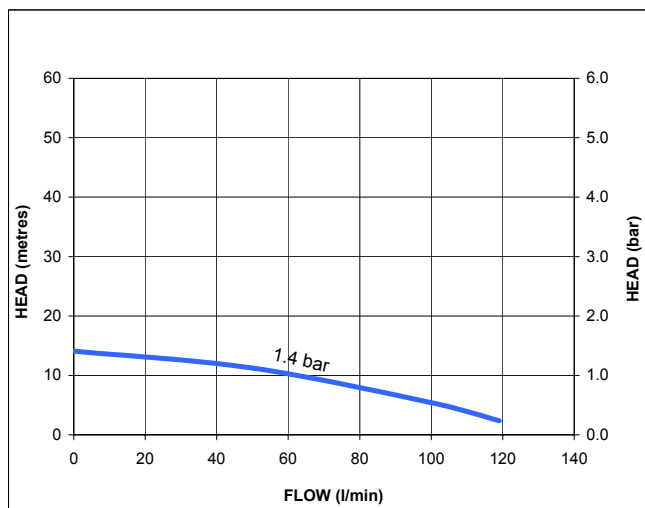
Part No	Model
46349	U1.4 bar Single

Monsoon Extra **Standard Single**

The Monsoon Extra Standard single pump is designed for use in larger domestic and light commercial applications. Installed into an open vented hot or cold water system where the outlets are below the level of the cold water cistern.



Part No	Model
46387	S1.4 bar Single



For further advice on selecting the correct pump call Modern Plant 01459 1344



ST Plus provides a range of high quality, high performing, plastic shower pumps, designed to boost the performance of a wide range of shower and tap outlets in domestic applications.

The range is suitable for positive and negative head applications and all ST plus pumps are simple to install, very quiet in operation and fully serviceable.

Features and Benefits

Performance

- ✓ 1.8 bar performance options
- ✓ Positive or negative head options
- ✓ Twin
- ✓ Quiet operation
- ✓ System friendly peripheral design
- ✓ Automatic switching

Quality

- ✓ Durable plastic construction
- ✓ WRAS approved
- ✓ ISO 9001:2008
- ✓ BS 60335 compliant
- ✓ CE compliant

Reliability

- ✓ 2 year guarantee
- ✓ Long life mechanical seal
- ✓ Fully serviceable

ST Plus pumps are supplied with flexible hoses with integral isolation valves, anti-vibration feet and pre-wired for ease of installation.

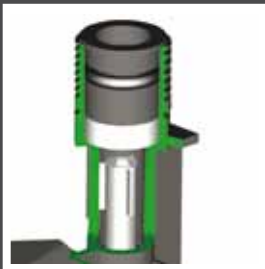


Every component of the high quality, plastic **ST Plus** range has been designed to provide quality and reliability at a competitive price.



Peripheral Design
 Pressure efficient
 Compact size
 System friendly – reduces potential to airlock

Economy without compromise



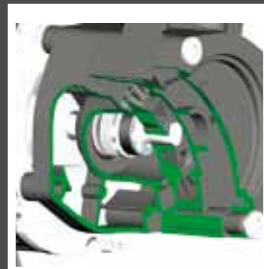
Automatic Switching

Flow Switch – automatically starts the pump when flow exceeds 0.8 litres/min (Standard & Universal)



Automatic Pressure Switch

Automatically stops the pump and re-pressurises the system (Universal)



Mechanical Seal

Carbon/Ceramic seal
Long life

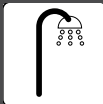
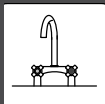


Flexible Hoses

300 mm anti-vibration flexible hoses with integral isolating valves
G 3/4 threaded connections to pump
21 mm push fit to pipe work



Applications for the ST Plus range:



For further Application Guidance see pages 22 & 23

Economy without compromise



ST Plus **Universal Twin**

Universal twin pumps are designed to boost the incoming hot and cold water supply to an individual shower, bath, shower mixer or mixer tap. Suitable for both positive and negative head applications.



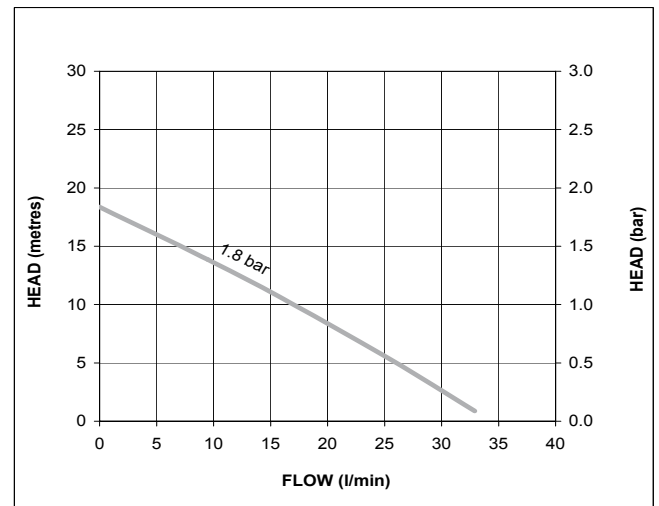
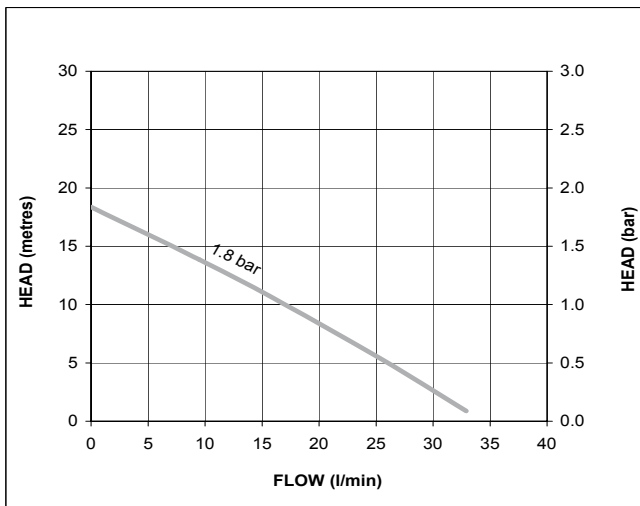
Part No	Model
44373	U1.8 bar Twin

ST Plus **Standard Twin**

Standard twin pumps are designed to boost the incoming hot and cold water supply to an individual shower, bath, shower mixer or mixer tap. Suitable for positive head applications only.



Part No	Model
44372	S1.8 bar Twin



For further advice on selecting the correct pump call Modern Plant 01459 1344



ST is the ideal solution to boost the performance of single shower applications to provide an invigorating shower, offering a compact, cost effective pump for domestic use.

As with all Stuart Turner products ST pumps are simple to install and very quiet in operation.

Features and Benefits

Performance

- ✓ 1.5 to 2.0 bar performance options
- ✓ Positive head
- ✓ Twin
- ✓ Quiet operation*
- ✓ System friendly peripheral design
- ✓ Automatic switching

Quality

- ✓ Durable plastic construction
- ✓ WRAS approved
- ✓ ISO 9001:2008
- ✓ BS 60335 compliant
- ✓ CE compliant

Reliability

- ✓ 1 year guarantee
- ✓ Long life mechanical seal

ST pumps are supplied with flexible hoses with integral isolation valves on inlets, anti-vibration feet and pre-wired for ease of installation.



* Independently tested - 1.5 and 2.0 bar Showermate eco Twin rated quieter than competitor's equivalent models.

The high quality, plastic construction of the **ST** range has been designed to provide quality and reliability at a competitive price.

Economy without compromise



Peripheral Design

Pressure efficient
Compact size
System friendly – reduces potential to airlock



Automatic Switching

Flow Switch – automatically starts the pump when flow exceeds 0.8 litres/min



Mechanical Seal

Carbon/Ceramic seal
Long life

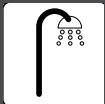
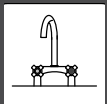


Flexible Hoses

200 mm anti-vibration flexible hoses with integral isolating valves
G 3/4 threaded connections to pump
15 mm push fit to pipe work



Applications for the ST range:



For Application Guidance see pages 22 & 23

Economy without compromise



ST 15 Standard Twin

Standard twin pumps are designed to boost the incoming hot and cold water supply to an individual shower, bath, shower mixer or mixer tap. Suitable for positive head applications only.



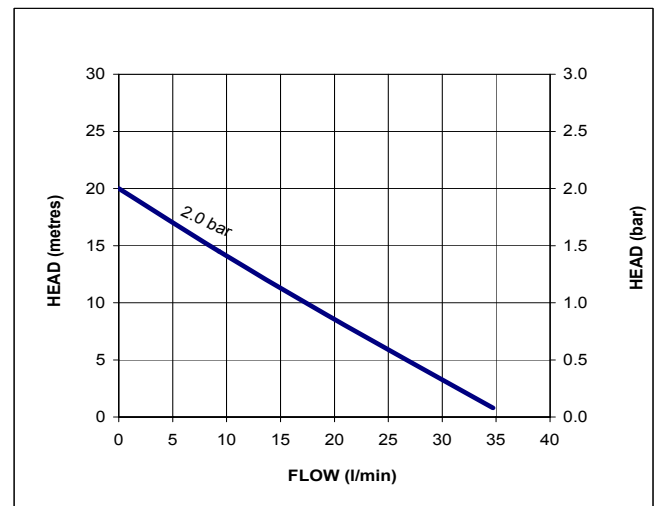
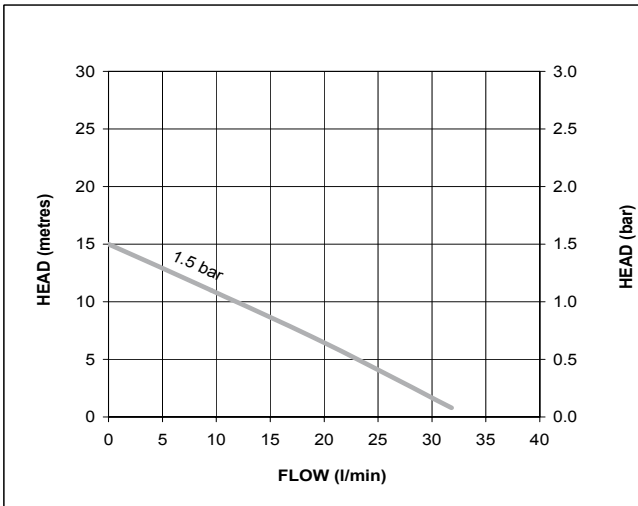
Part No	Model
44370	S1.5 bar Twin

ST 20 Standard Twin

Standard single pumps are designed to improve water supplies to single taps or to pump blended water from a shower mixer. Suitable for positive head applications only.



Part No	Model
44371	S2.0 bar Twin



For further advice on selecting the correct pump call Modern Plant 01459 1344

Application Guide



Please note that this is a general guide only and individual site conditions will vary. For further advice or technical assistance please contact our Pump Assist team on 0844 98 000 97.		Monsoon																		
		TWIN																		
		1.5		2.0		3.0		4.0		4.5										
		Uni	Std	Uni	Std	Uni	Std	Uni	Std	Uni	Std									
Tap Mixer Tap Shower Electric Shower Bath Bathroom Home Commercial		Medium					High													
Single Tap																				
Boost hot or cold water to individual taps																				
Bath or basin mixer		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Boost hot water pressure to blend with mains cold water (mixer taps or shower)																				
Shower only		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Blended shower water																				
Multi-function shower with body jets						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Boost tank fed cold water supply to electric shower																				
Standard bath-shower/shower		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bathroom only		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Supply to combination boiler from a break tank																				
Unvented stored hot water system																				
Apartments		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓
Whole house – up to 2 bathrooms		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Whole house – up to 3 bathrooms						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Whole house – having 4 or more bathrooms																				
Commercial – multiple demand applications																				

Applications for the Monsoon, Monsoon Extra, ST Plus and ST ranges:



Application Guide



Monsoon						Monsoon Extra						ST Plus		ST		
SINGLE						SINGLE					PRESSURE SETS		TWIN		TWIN	
2.0		3.0		4.5		1.4		2.6	3.6	5.0	2.6	3.6	1.8	1.8	1.5	2.0
Uni	Std	Uni	Std	Uni	Std	Uni	Std	Uni	Uni	Uni	PS	PS	Uni	Std	Std	Std
Medium		High				Med			High				Medium			
✓	✓	✓	✓	✓	✓											
✓	✓	✓	✓	✓	✓											
													✓	✓	✓	✓
✓		✓		✓												
✓ x2		✓ x2		✓ x2									✓	✓	✓	✓
	✓		✓		✓											
		✓ x2		✓ x2				✓	✓							
✓		✓		✓												
✓ x2		✓ x2		✓ x2									✓	✓	✓	✓
✓ x2		✓ x2		✓ x2		✓		✓	✓							
✓		✓		✓				✓	✓		✓	✓				
						✓		✓	✓	✓	✓	✓				
✓ x2		✓ x2														
✓ x2		✓ x2		✓ x2												
		✓ x2		✓ x2												
						✓ x2		✓ x2	✓ x2							
						✓	✓	✓	✓	✓	✓	✓				

For further advice on selecting the correct pump call Modern Plant 01459 1344



Create a bathroom, kitchen or utility room anywhere with the Wasteflo range of two macerators and a lifting station. All designed with an innovative removable watertight cassette system, which houses the electrical and mechanical components.

This cassette system allows clean and easy access without having to remove any pipe work or the appliance when servicing or maintaining the unit. Their compact design and low noise levels mean that Wasteflo products can be located anywhere, even in places such as bedrooms, loft spaces, stairwells, cellars and within kitchen or bathroom furniture.

Features and Benefits

Performance

- ✓ Pump up to 7 m vertically or 72 m horizontally
- ✓ Flow rates up to 120 litres/minute
- ✓ Powerful 500 watt motor
- ✓ Quiet operation

Quality

- ✓ Durable high gloss polypropylene
- ✓ ISO 9001:2008
- ✓ BS 12050 compliant
- ✓ CE compliant
- ✓ LGA tested

Reliability

- ✓ 2 year guarantee
- ✓ Easy access & servicing - No need to remove the appliance

Wasteflo products are supplied pre-wired for ease of installation.



Wasteflo products provide washroom solutions for a variety of environments.



Removable Cassette System

Houses all mechanical and electrical components
Easy servicing



Helical blade

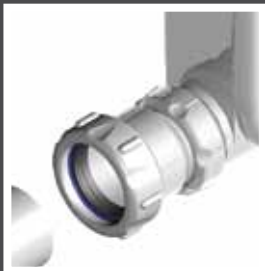
Designed to efficiently remove waste



Adjustable WC Pan Connector

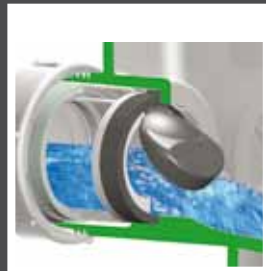
In built height adjustment to suit WC +/- 16 mm
Rotating cam design
Easy installation

The clean and simple way to remove waste water



Standard Plumbing Connections

Ease of installation
Easy maintenance



Non Return Valves on Horizontal Inlets

Avoids need for a separate trap



32 mm or 22 mm outlet with Non Return Valve

Improved performance



Integral Charcoal Filter

Eliminates odours



Wasteflo range

Designed with an innovative removable watertight cassette system, which houses the electrical and mechanical components.

This cassette system allows clean and easy access without having to remove any pipe work or the appliance when servicing or maintaining the unit.

The low noise levels of each unit means they can be located anywhere even in bedrooms, loft spaces, stairwells and within kitchen or bathroom furniture.

Removable cassette system

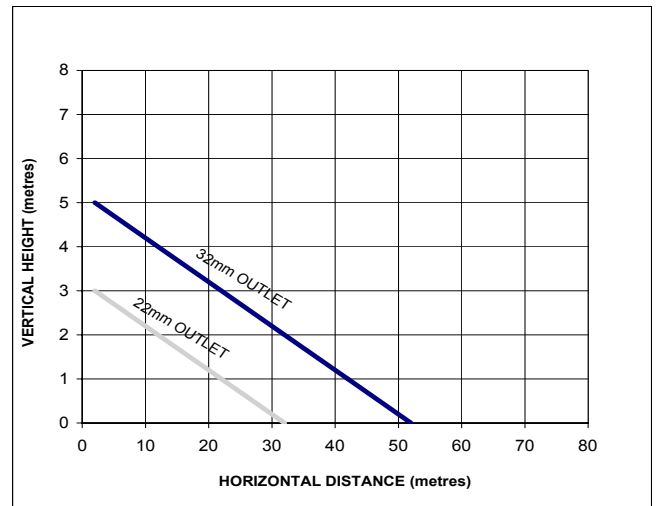


Wasteflo WC 2 Macerator

Ideal for converting any area into a simple cloakroom with a toilet and a basin



Part No	Model
46575	WC 2



Applications for the Wasteflo range:



For Application Guidance see pages 32 & 33

The clean and simple way to remove waste water



Wasteflo **WC 3 Macerator**

Super slim design, ideal for transforming any area into a complete bathroom or en-suite, with a toilet, basin, shower or even a bidet.



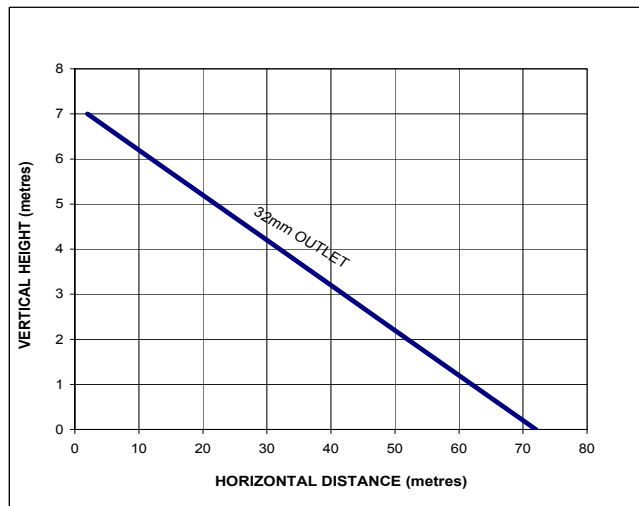
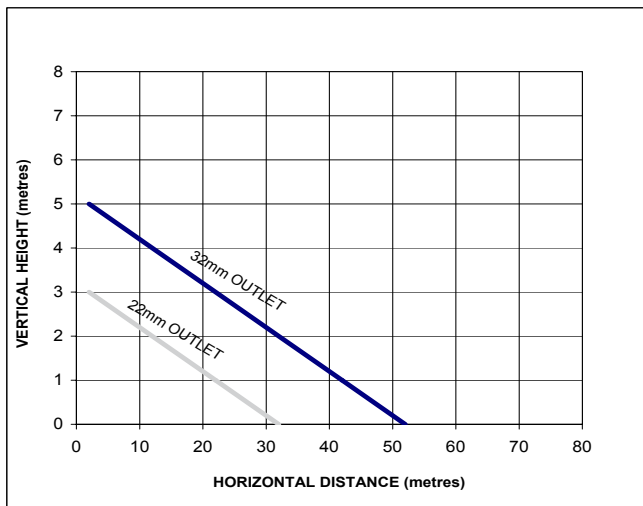
Part No	Model
46576	WC 3

Wasteflo **LS 5 Lifting Station**

Allows you to create a shower room, kitchen or utility room anywhere. A shower, basin, sink, washing machine and dishwasher can all be connected.



Part No	Model
46577	LS 5

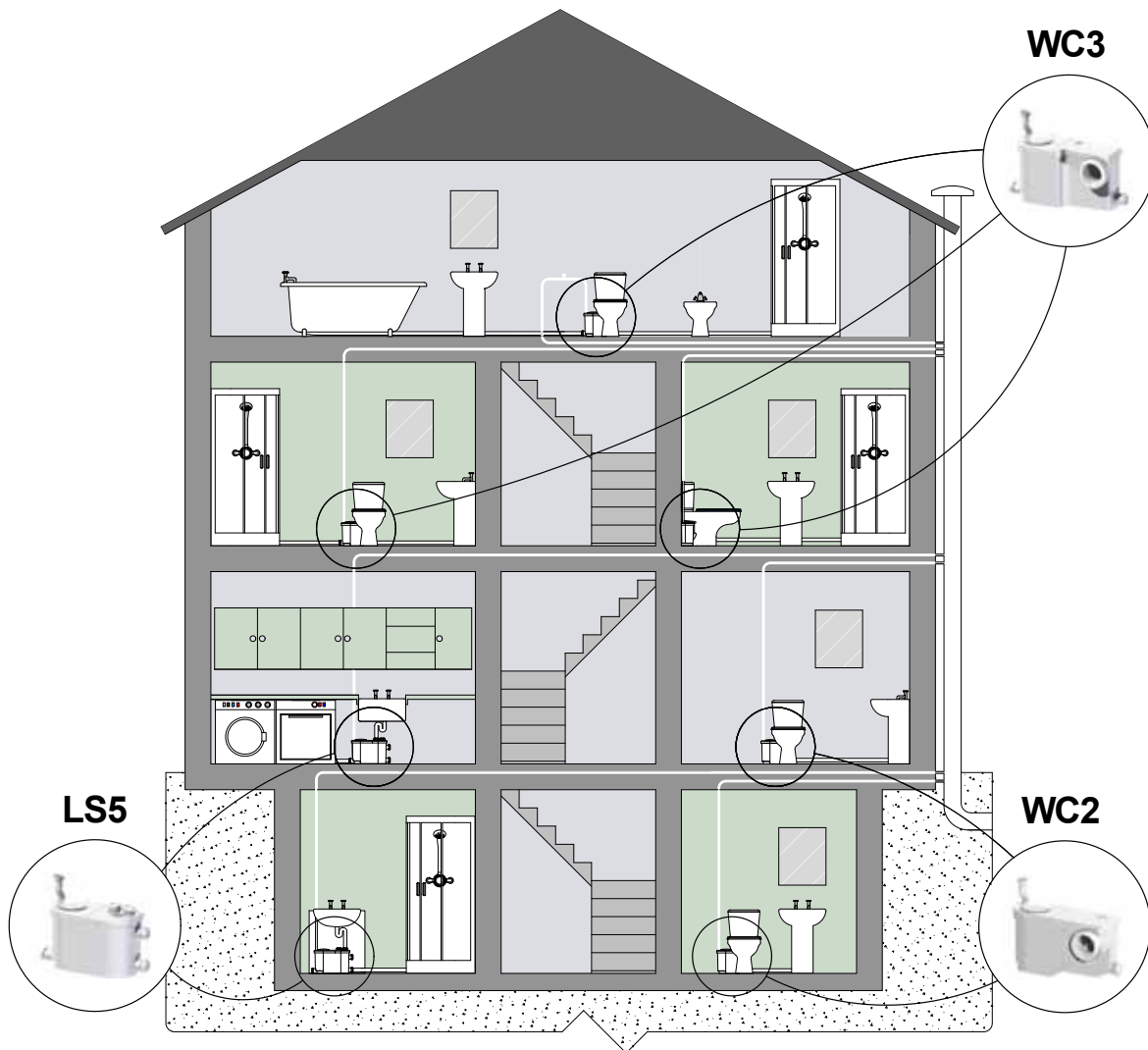


For further advice on selecting the correct pump call Modern Plant 01459 1344

Create a bathroom, kitchen or utility room anywhere...

The Wasteflo range of macerators and lifting station are immensely versatile and offer a range of options to ensure that from just three models you can efficiently remove wastewater from your property. **Cleanly, quietly and simply.**

Please note that this is a general guide only and individual site conditions will vary.



This information is intended for general guidance only.

For further advice on selecting the correct pump call **Modern Plant 01459 1344**

Application Guide



When do you need a macerator/lifting station?

The obstacle to creating an ensuite bathroom in a loft conversion or a cloakroom under the stairs for example, is likely to be arranging a run of 100 mm waste pipes to the soil stack.

Macerators

Sit neatly behind the WC and automatically reduce waste to a liquid form to pump it away to the soil pipe or drain.



Lifting station

Effectively lifts waste water where gravity flow is insufficient allowing a kitchen or bathroom to be added where the new bathroom would be lower than the main drainpipe.



WC 2 Macerator

Ideal for converting any area into a simple cloakroom.




WC 3 Macerator

Super slim design, ideal for transforming any area into a complete bathroom or en-suite.



LS 5 Lifting Station

Allows you to create a shower room, kitchen or utility room anywhere. The compact unit can be concealed within kitchen or bathroom furniture.

Description		WC 2	WC 3	LS 5
Toilet		✓	✓	
Wash Hand Basin		✓	✓	✓
Shower			✓	✓
Bath				✓
Bidet			✓	
Kitchen Sink				✓
Washing Machine				✓
Dishwasher				✓

For further advice on selecting the correct pump call Modern Plant 01459 1344



When gravity flow is insufficient wasteflo's shower waste pump and auto gullies offer the perfect solution to quietly remove waste water from any shower, wet room or level access bathroom.

Designed with 'smart' technology which synchronises the system to remove waste water as quietly as a gravity system and is suitable for use with both electric and mixer showers and with all flooring options.

Features and Benefits

Performance

- ✓ Extracts up to 12 litres per minute
- ✓ Pumps up to 1 m vertically and 4 m horizontally
- ✓ Extremely quiet operation
- ✓ No commissioning required

Quality

- ✓ ISO 9001:2008
- ✓ BS 60335 compliant
- ✓ CE compliant

Reliability

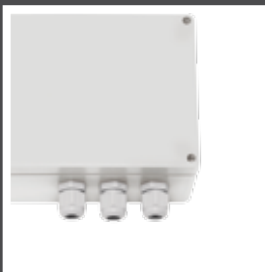
- ✓ 2 year guarantee
- ✓ Easy access flow sensor

Wasteflo shower waste pumps are supplied with auto gully, control module, variable speed pump, fixing bracket and high gloss white easy fit cover.



Wasteflo shower waste water pump and choice of auto gullies provide the ideal solution for a variety of showering environments.

The clean and simple way to remove waste water



Control Module

Pre programmed to provide final system purge.

Extra low voltage transformer
230AC - 24v supply.
IP 55 rated.



Variable Speed Pump

Built in non return valves
Non handed to ease installation
Simple 'push fit' onto supplied bracket



Built in Flow Sensor

Ease of installation
Ease of maintenance



High Gloss Cover

Easy clean
Easy fit

Wasteflo shower waste pump and auto gullies are supplied complete with each of the following components, offering all you need for a variety of showering applications.

Control Module

- ✓ Senses flow rates and adjusts pump accordingly using 'smart' technology
- ✓ Pre-programmed to provide a final system purge leaving the shower area drained
- ✓ Safety Extra Low Voltage Transformer
230AC - 24v DC supply
- ✓ IP 55 rated



Variable Speed Pump

- ✓ Non-handed pump to ease installation
- ✓ Simple 'push fit' onto wall bracket
- ✓ Built-in non return valves
- ✓ 22 mm inlet & outlet
- ✓ Extracts up to 12 litres /minute
- ✓ Pumps up to 1 m vertically and 4 m horizontally



Cover

- ✓ White high gloss
- ✓ Easy clean
- ✓ Easy fit



For further advice on selecting the correct pump call **Modern Plant 01459 1344**

The clean and simple way to remove waste water



Wasteflo **SWP** assembly with **52mm Shower Tray Gully**

Suitable for use with a traditional step in shower tray. Extracts up to 9 litres/minute. The gully is 52 mm in diameter and 90 mm deep.



Part No	Model
46600	SWP Assembly + 52 mm Shower Tray Gully

Wasteflo **SWP** assembly with **90mm Shower Tray Gully**

Suitable for use with a low level shower tray. Extracts up to 12 litres/minute. The gully is 90 mm in diameter and 77 mm deep.



Part No	Model
46599	SWP Assembly + 90 mm Shower Tray Gully

Wasteflo **SWP** assembly with **Sheet Vinyl Floor Gully**

Suitable for use with level access flooring. Extracts up to 12 litres/minute. The gully is 116 mm in diameter and 83 mm deep.



Part No	Model
46598	SWP Assembly + Sheet Vinyl Floor Gully

Wasteflo **SWP** assembly with **Tiled Floor Gully**

Suitable for use in wet room environments. Extracts up to 12 litres/minute. The gully is 116 mm in diameter and 83 mm deep.



Part No	Model
46597	SWP Assembly + Tiled Floor Gully

For further advice on selecting the correct pump call **Modern Plant 01459 1344**

STUART

Submersible range

Supersub and Supervort

The five Supersub and Supervort models are designed for the transference of non foul water and are suitable for use with both clean and grey water. The entire range feature stainless steel motor shells, are compact in design, easy to install and come complete with float switches and stepped hose connector (25 mm, 32 mm or 38 mm)

Motor specification: 230/1/50

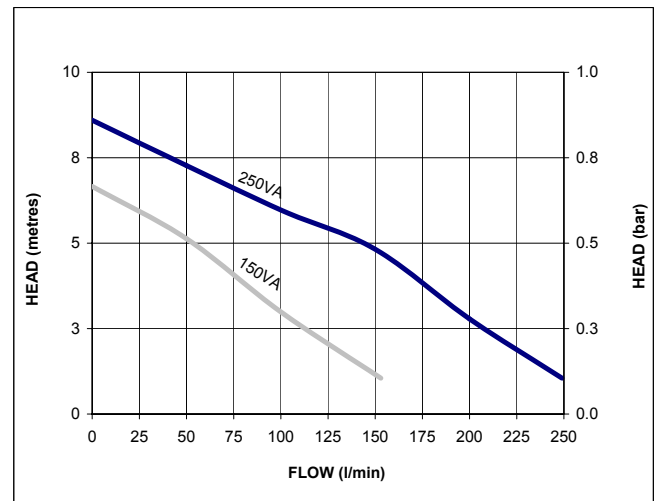


Supersub 150VA and 250VA

Designed to pump solids up to 5 mm and used in either automatic or manual modes. Complete with integral float switch.



Part No	Model	Impeller	Seal
46538	Supersub 150VA	Plastic	Double Lip
46539	Supersub 250VA	Plastic	Double Lip



Key to seal options:

Double Lip - Long life nitrile seal

Commercial product range

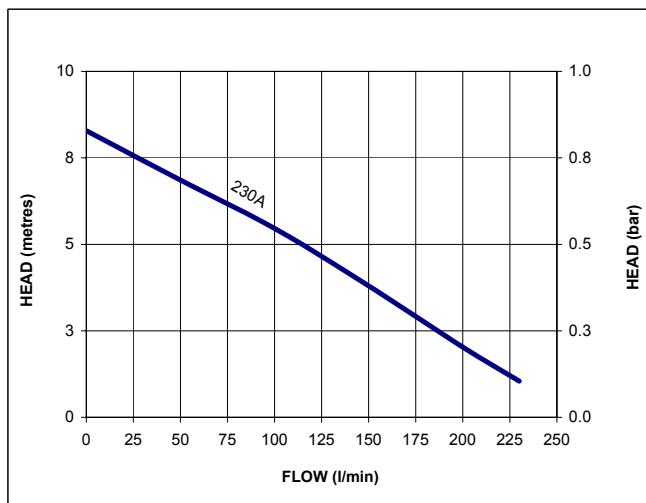


Supersub 230A

Designed to pump solids up to 5 mm and is supplied with an externally fitted floating switch.



Part No	Model	Impeller	Seal
46540	Supersub 230A	Plastic	Double Lip

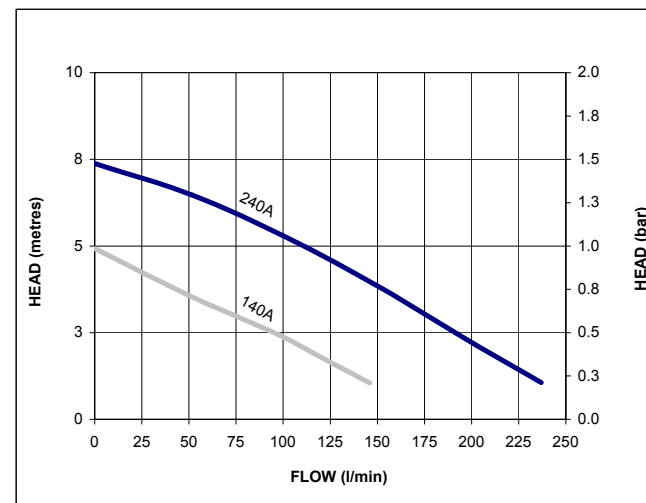


Supervort 140A and 240A

Designed to pump solids up to 20 mm and is supplied with an externally fitted floating switch.



Part No	Model	Impeller	Seal
46541	Supervort 140A	Plastic	Double Lip
46542	Supervort 240A	Plastic	Double Lip



For further advice on selecting the correct pump call Modern Plant 01459 1344



Submersible range

Diver Pumps

Diver pumps are ideal for applications where pressure is needed such as sprinklers or pumping up to storage tanks. Diver pumps are suitable for clean water only. The entire range feature stainless steel motor shells, are compact in design and easy to install.

All diver pumps include externally fitted float switch and 25 mm hose connector.

Boostomatic options are also supplied with an Automatic Control Module.

Motor specification: 230/1/50



Key to seal options:

Nit/Car/Cer - Nitrile/Carbon/Ceramic - Long life seal

Commercial product range



Diver

Designed to lift clean water where high pressure is required and comes with an externally fitted floating switch.



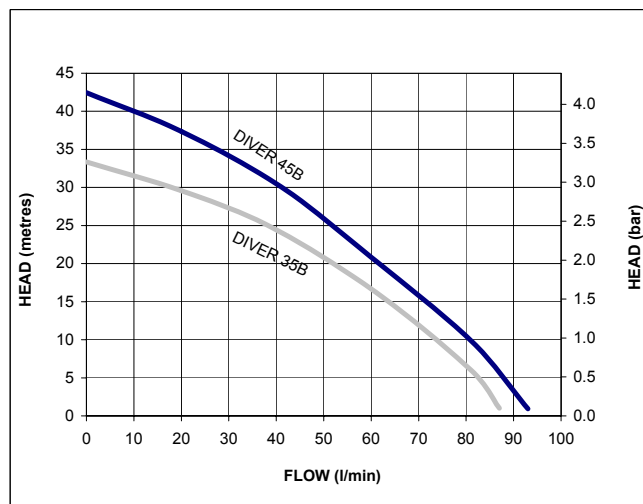
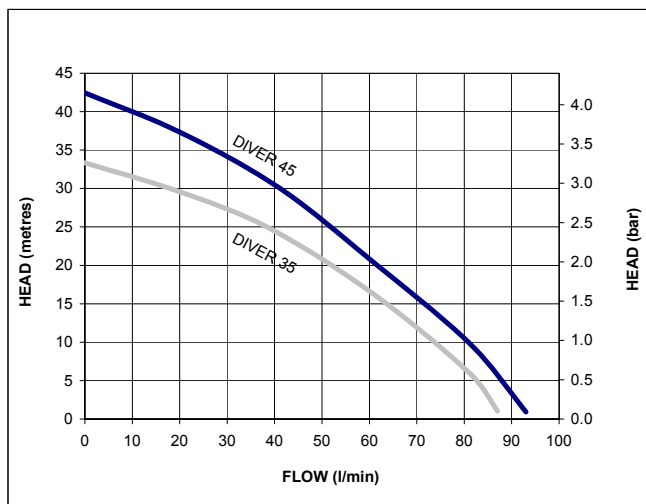
Part No	Model	Impeller	Seal
46585	Diver 35	Plastic	Nit/Car/Cer
46586	Diver 45	Plastic	Nit/Car/Cer

Diver Boostamatic

Designed to lift clean water where high pressure is required and comes with an externally fitted floating switch. Supplied with a Boostamatic Control Module, located remotely, to provide automatic control



Part No	Model	Impeller	Seal
46611	Diver 35 Boostamatic	Plastic	Nit/Car/Cer
46412	Diver 45 Boostamatic	Plastic	Nit/Car/Cer



For further advice on selecting the correct pump call Modern Plant 01459 1344

Modern Plant - service and support



Stuart Turner has a long and distinguished history of designing and manufacturing quality products. They take pride in developing and manufacturing new products by utilising their experience through technical and engineering excellence, state of the art manufacturing facilities and continued research and development, so when you choose a Stuart Turner product you are investing in a name you can trust.

Modern Plant are able to give help and advice on choosing the correct product for your application along with ensuring the product is correctly installed. The team can also help with fault diagnosis, while the life span of Stuart Turner products is second to none, and come with lengthy guarantee periods, many of our customers choose to regularly service their Stuart Turner product and optimise its life cycle. The Modern Plant team can offer advice over the phone if required and also help customers to find the right spare parts or contact an approved service engineer.



‘We take care to deliver our services and our values and are committed to continual improvement.’



Modern Plant offer a dedicated & friendly team of highly trained and experienced technical experts to assist you with:

Choosing the right pump

It sounds simple but making sure you have the correct pump for your application is of paramount importance, our team will help you specify the right pump for the job.



Installation Advice

Having trouble, don't know where to start? Our team will be able to talk you through your installation – 90% of pump failures are down to poor installation.



Modern Plant service team

For help, guidance or advice simply call

01459 1344



Fault diagnosis and repair advice

The life span of Stuart Turner products is second to none. Many customers choose to regularly service their pumps to optimise product life cycles. If you want your pump serviced or repaired, Modern Plant offer a very efficient and cost effective service.



Find the right spare parts

You can order spare parts from Modern Plant, simply call the team and they will be happy to help you find the correct parts and take your order. Telephone 01459 1344



Contact an approved service engineer

In the unlikely event that things go wrong, we have approved service engineers available throughout the Republic of Ireland. Our engineers receive comprehensive training on all our products so if you have any problems just call our team and they will put you in direct contact.



For further advice on selecting the correct pump call **Modern Plant 01459 1344**

STUART TURNER

Inspired by water, delivered through technology



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Part No 19320 Issue No 2413/1

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